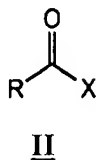


AMENDMENTS TO THE CLAIMS

*This listing of the claims will replace all prior versions, and listings, of claims in the application:*

1-43. (canceled)

44. (currently amended) A method of ~~preserving~~ attenuating the effects of age-associated cognitive impairment ~~cognitive function~~ in a mammal ~~in need thereof~~, comprising the step of administering a pharmaceutical composition of ~~claim 38~~ comprising a therapeutically effective amount of:



to said mammal, wherein:

X is -OH, -O-alkali metal, -NH<sub>2</sub>, or -SH; and

R is -CH[(CH<sub>2</sub>)<sub>2</sub>CH<sub>3</sub>]<sub>2</sub>.

45-52. (canceled)

53. (currently amended) The method of claim ~~40, 42, 43, 44, 45, 46, 47,~~  
~~or 47~~ wherein said mammal is human.

54-62. (canceled).